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U.S. DEPARTMENT OF COMMERCE

1449/PTO	U.S. Department of Commerce Patent and Trademark Office	Application No. :
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Sheet 1 of 1		Filing Date :
		First Named Inventor: K. FUTAMURA
		Group Art Unit :
		Examiner Name :
		Attorney Docket No. : FUJH 21.096

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear

FOREIGN DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
LL		02-143704	JP	Fujitsu Ltd.	06-01-1990	
LL		63-246009	JP	Nec Corp.	10-13-1988	
LL		2000-223956	JP	Hitachi Ltd.	08-11-2000	
LL		57-193106	JP	Nec Corp.	11-27-2000	
LL		08-223073	JP	Fujitsu Ltd., NTT IDO Tsushinmo KK	08-30-1996	
LL		2000-124739	JP	Kyocera Corp.	04-28-2000	

Other Prior Art-Non Patent Literature Documents

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 1

U.S. Department of Commerce
Patent and Trademark Office

Application No. : 10/817,410

Filing Date : March 30, 2004

First Named Inventor: K. FUTAMURA

Group Art Unit :

Examiner Name :

Attorney Docket No. : FUJH 21.096

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LL		2 321 353	GB	MITEL SEMICONDUCTOR LIMITED	07-22-1998	
LL		WO 01/01562 A1	PCT	SIEMENS AKTIENGESELLSCHAFT	01-04-2001	
LL		197 08 772 A1	DE	SIEMENS AG	06-25-1998	

Other Prior Art-Non Patent Literature Documents

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L.L.			
		European Search Report dated September 7, 2004	
		BEHZAD RAZAVI. Challenges in Design of Frequency Synthesizers for Wireless Applications. IEEE 1997 pgs 395-402.	

Examiner Signature	/Lana Le/	Date Considered	07/10/2006
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